

Company- **CITIES SERVICE OIL CO.**
 Farm- **Harrel "D"** No. **3**

SEC. 34 29 R. 13W

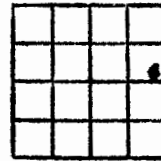
SE SE NE

330' N & 380' W of E/4 Corner

34-29-13W

County **Pratt**

KANSAS



Total Depth. **4596'**
 Comm. **4-29-60** Comp. **5-21-60**
 Shot or Treated.
 Contractor. **Barbour Drlg. Co.**
 Issued. **11-5-60**

CASING:

8 5/8" 919' cem w/500 sx.
5 1/2" 4584' cem w/200 sx.

Elevation. **1810'** Gr.

Production. **115 BO, & 6 BWPD**

Figures Indicate Bottom of Formations.

sand	55
shale, shells & redbed	200
red bed & shale	665
sand	720
shale & shells	740
shale	920
shale & shells	1745
shale & lime	2010
lime	2200
lime & shale	2300
shale & lime	2440
lime & shale	2510
shale & lime streaks	2635
shale & lime	3345
lime & shale	3430
lime	3505
lime & shale	3570
lime	3675
sand & shale	3805
lime	4292
chert & shale	4398
shale	4345
lime & chert	4375
sand & chert	4405
lime & chert	4457
lime	4503
sand	4523
shale & lime	4560
shale	4576
shale & lime	4590
lime	4595

4595 RTD = 4596 SIM
 Total Depth

TOPS:

Heebner	3631
Toronto (scout)	3643
Douglas	3669
Brown Limestone	3813
Lansing	3829
Base Kansas City	4218
Marmaton (scout)	4224
Mississippi	4277
Kinderhook	4306
Misener (scout)	4359
Viola	4375
Simpson	4489
Simpson Sand	4507
Arbuckle	4583
Pen.	13'